

## WHAT IS CLAIMED IS:

1. A vacuum cleaner comprising:

a suction brush movably disposed at a lower portion of a cleaner body;

a by-pass motor disposed in the cleaner body and generating a suction force at the

5 suction brush;

a cyclone dust-collecting apparatus disposed in the cleaner body and having an inflow passage, into which air passing by the by-pass motor flows, and an outflow passage through which the air, cleaned by the separation effect of a centrifugal force created within the cyclone dust collecting apparatus, is discharged; and

10 a dust bag disposed in the cleaner body and connected to the outflow passage for filtering minute dust entrained in the cleaned air, which is discharged from the cyclone dust-collecting apparatus.

2. The vacuum cleaner of claim 1, wherein the cleaner body comprises:

a first air path connecting the by-pass motor to the inflow passage of the cyclone

15 dust-collecting apparatus; and

a second air path connecting the outflow passage of the cyclone dust-collecting apparatus to the dust bag.

3. The vacuum cleaner of claim 1, wherein the dust bag is easily replaceable.